

Claims

1. A twist machine for whole body exercise comprises:
 - a base;
 - 5 a rotary post rotatably mounted on the base;
 - a seat provided on the top of the rotary post;
 - a handle operatively associated with the rotary post for rotation about the rotary post; and
 - 10 a reverse rotator for causing the rotary post and the handle to turn in an opposite direction with each other when one of the rotary post and the handle is subjected to forcible rotation.
2. The twist machine as recited in claim 1, wherein the reverse rotator is provided with a sun gear affixed to the rotary post, a plurality of planetary gears rotatably mounted to the base in a meshing engagement with the sun gear, and a ring gear fixedly secured to the handle in a meshing engagement with the planetary gears.
3. The twist machine as recited in claim 1, further comprising a leg support unit affixed to the seat for supporting legs of the user sat on the seat.
4. The twist machine as recited in claim 3, wherein the leg support unit includes a slide bar length-adjustably assembled to the seat and a leg rest installed at the slide bar to support the ankle of the user.
- 25 5. The twist machine as recited in claim 2, wherein the handle includes a fixed frame vertically affixed to the ring gear, a movable frame length-adjustably assembled to the fixed frame in a vertical direction, a pair of first horizontal support bars length-adjustably assembled to opposite ends of the movable frame in a lateral direction, a pair of second horizontal support bars length-adjustably assembled to each end of the first horizontal support bar, and a pair of handle bars fixedly secured to each end of the second horizontal support bars so that the user can grip the handle bars.